

Burlington Electric Department
Making Decisions for the Future

**Smart Grid/
Smart Meters
Outreach
Strategy**



Burlington Electric Department
- successfully transitioning to a post-carbon economy

Communicate!!



Most problems related to
communication not technology.

- * Inform customers
- * Involve customers
- * Excite early adopters
- * Train CS Reps and provide FAQs

Specific Activities



- Jan. 2011 –
 - letter to all customers explaining smart meters/smart grid.
- Feb. 2011-
 - Start sending out the one pagers. Add them to website and send out link.
 - select 150 pilot customers for First Wave.
- March 2011
 - Just prior to installation of meters, notify customers in variety of ways.

Spring 2011



- Work with group of early adopters (and educate them) to help promote smart grid/smart meters. Find one in each FPF neighborhood.
- Start posting info on Facebook and on FPF. Have early adopters do same.

Town Meetings



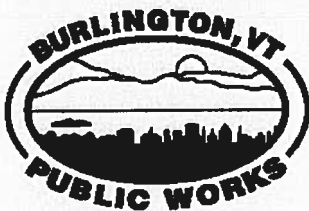
Set up town meetings as needed to inform customers of smart grid/smart meter activities and potential.

Have demonstrations of meters, etc. (Hold in City Hall). Give example of web presentment.

Other Activities



Attend all NPA meetings.
Post regular updates on FPF.
Post updates on Facebook.



CITY OF BURLINGTON
DEPARTMENT OF PUBLIC WORKS

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STEVEN GOODKIND, P.E.
 DIRECTOR OF PUBLIC WORKS
 CITY ENGINEER

MEMO

Date: January 14, 2011
 From: Nicole Losch, DPW
 To: TEUC
 Re: Colchester Avenue Update

COLCHESTER AVENUE DEMONSTRATION PROJECT

- Signal timing has been updated as of January 4
 - East Ave queue counts have shown fewer queuing cars
- Corridor Study Task Force will receive monthly updates on any progress
- Plans for winter data collection:
 - Queue counts eastbound on Pearl Street
 - Turn lane analysis for northbound Pearl Street at Prospect Avenue and eastbound East Avenue at Colchester Avenue

COLCHESTER AVENUE CORRIDOR STUDY

- 2ND public meeting
 - scheduled for January 27 – currently being rescheduled for February due to conflict with Burlington Telecom public meeting
 - provide update on project status & review purpose of the meeting
 - summarize 1st public meeting
 - provide update on status of demonstration project & relationship to corridor study
 - present vision & goals for the corridor study
 - breakout sessions for long term visioning, with concept plans prepared by consultants
 - summarize breakout group comments
 - review schedule
 - 3rd and final public meeting in April/May 2011
 - Final plan expected in May/June 2011
 - TEUC presentation



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ERIN DEMERS, E.I.T.
PUBLIC WORKS ENGINEER

January 19, 2011

SHELBURNE STREET ROUNDABOUT PROJECT UPDATE

To: Transportation, Energy & Utilities Committee
From: Erin Demers, EIT, MPM

RE: **SHELBURNE STREET ROUNDABOUT**
BURLINGTON HES 5000(18)
US 7, US ALT 7, LOCUST ST., LEDGE RD. ROUNDABOUT PROJECT

The State of Vermont Agency of Transportation (VTrans) is currently working on the engineering and construction design of the single-lane roundabout placed in the footprint of the hybrid area. Extensive public process was completed to bring the single-lane alternative to construction.

VTrans and DPW met in December 2010 to coordinate and discuss stormwater improvements and implications to the engineering design. In the summer of 2010, a utility meeting was conducted to bring major utilities entities up to speed on the conceptual design and organize the relocation of the existing utilities into one common duct bank.

DPW will continue to assist VTrans with any transportation and utility information that they may need while moving forward with the design plans. Future schedules project that design shall be completed in 2011-2012 as well as continuing to work on utilities agreements. The time frame for construction is projected to the summer of 2013.

As the design develops toward completed engineering plans, there will be another opportunity for the public and all stakeholders to weigh in. If you have any questions about the Shelburne Street Roundabout please email me at edemers@ci.burlington.vt.us or call me directly at 865-5831.

To: City Council Transportation, Energy & Utilities Committee
 From: Gene Bergman, Sr. Asst. City Attorney & David White, Director Planning & Zoning Department
 RE: Revised TEUC amendment to the *Burlington Transportation Plan* (Planning Commission
 Date: October 20, 2010

Based on the discussion at your 10/27/10 meeting, we have drafted the following substitute amendment to the Transportation Plan of the Burlington Municipal Development Plan for your consideration.

3) Moving Forward

The City has made significant progress toward the transportation goals in the 2001 *Municipal Development Plan*. This *Transportation Plan* builds on this success.

Moving forward on the *Transportation Plan* requires:

- Steering toward that course (*Transportation Services*);
- Monitoring what is going on (*Progress Indicators*); and
- Charting a course (*Five Year Plan*).

Transportation Services

The development of the street design guidelines and adoption of the “Great Streets” philosophy calls out for a “different” way of doing things. City staff and their governing officers must be committed to employing this new philosophy to implements segments of the plan. Commitment to the “Great Streets” philosophy will ensure a transparent process and an empowered decision making body.

Changes need to occur in the way the City delivers these programs and services. The changes are basic:

- ☐ treat the streets holistically as proscribed in the Great Streets philosophy,
- ☐ develop annual work plans dedicated to meeting the goals of this plan,
- ☐ establish mechanisms for the review of these plans,
- ☐ develop a project prioritization methodology and
- ☐ develop methods to communicate these activities to the public.

The Department of Public Works (DPW) will identify staff whose responsibility will be the preparation of work plans and the development of monitoring systems and communications methods designed to meet the goals set by the plan. Staff will continue to work with the city wide technical advisory committee and may create ad hoc advisory groups to carry out its responsibilities. This committee, an ad hoc working group known as the Transportation Technical Advisory Committee (TAC), is comprised of staff from DPW, the Planning and Zoning Department (PZ), the Community and Economic Development Office (CEDO), the Parks and Recreation Department (P&R), and Burlington City Arts (BCA). DPW will oversee the work of the TAC.

Hen 7b

Nicole Losch

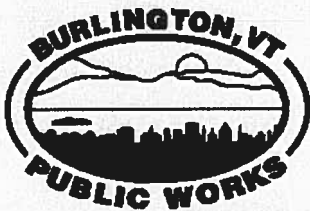
From: Bill Keogh [bkeoghsr@yahoo.com]
Sent: Tuesday, January 18, 2011 3:01 PM
To: Paul, Karen; Wright, Kurt; Vincent.Brennan@uvm.edu
Cc: Steve Goodkind; Nicole Losch; David E. White; Eugene Bergman
Subject: TransPlan/Colchester Ave

MEMO TO: City Council Transportation, Energy & Utilities Committee (TEUC)
 Chair Karen Paul, Kurt Wright, Vince Brennan
 Copy to Steve Goodkind, Nicole Losch, Planner David White; Atty Bergman

FROM: City Councilor Bill Keogh Jan. 18, 20=

SUBJECT: City Transportation Plan

1. The City Transportation Plan has been under consideration by a number of City departments for the past two years. This delay has been, in part, due to inattention and with other somewhat higher priorities. Currently, it is stalled because of a policy matter dealing with so-called "Complete Streets" implementation in the Plan. The Plan is an excellent one and has many good elements worthy of carrying out.
2. The history of the Department of Public Works (DPW) in some major street changes has been somewhat lacking. A few years ago, DPW came forward with a State-sponsored plan to alter Shelburne St. traffic from an existing circular pattern (through street painted lines) to a more elaborate roundabout. This proposal was offered for public comment around January.(2008?. I have to rely on memory here.) A decision had to be made "quickly," by the end of the following April. The City was offered three choices by consultant RSG Associates. One was a bevy of traffic lights, which was both highly expensive and impractical. The other would have had outrageous public reaction, making Ledge Rd. one way easterly and uphill. The other choice was a roundabout.
3. DPW held two or three hearings including Neighborhood Planning Assemblies (NPA). They discussed the roundabout on at least two occasions. During this process, DPW did not include affected departments such as police and fire, as well as the Chittenden County Transit Authority, all who have a stake in such road configuration. Rapid access through the roundabout by emergency vehicles or traffic queues effect on bus schedules was not considered before presentation of the roundabout to the public.
4. The so-called April deadline came and went, yet the project was still alive. The immediacy was all-of-a-sudden gone. Subsequently, the TEUC as well as the City Council approved the project. Approval was necessary only because it was a separate State contract.
5. Now comes another time sensitive project, applying so-called 'road diet' to a 4-lane Colchester Ave. into two travelling lanes with a transition (suicide) lane in the middle. The project applies the "Complete Street" concept to this artery. DPW, again not consulting emergency needs providers (Fire and Police Commissions), planned only a 4-week study before applying a riding coat of asphalt and making the road diet a fact. Another rushed project of DPW. An apparent paving deadline.
6. Project studies count the vehicles using this route to be 20,000 cars a day, traversing two lanes of traffic in each direction. Dieting this traffic into two lanes has, thus far,



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MEMO

Date: January 14, 2011
From: Nicole Losch, DPW
To: TEUC
Re: Chittenden County Metropolitan Planning Organization's Unified Planning Work Program 2012

The CCMPO's Unified Planning Work Program (UPWP) is a federally-mandated document serving as the annual work plan for local and regional transportation planning projects – it describes their numerous programs and identifies the products they hope to accomplish.

The CCMPO is preparing its project list for fiscal year 2012, and city staff will be meeting to develop a project list for consideration in the 2012 UPWP. We welcome any feedback as we develop our list of candidates.

Projects in past year's UPWP have included:

- Colchester Avenue Corridor Study (planned completion in June 2011)
- North Avenue Corridor Study (planned to begin in June 2011)
- Burlington Streetcar Feasibility Study (planned completion in February 2011)
- Burlington Waterfront South Access (completed in 2010)
- And many more.

In addition to requests from city staff, Burlington may present ideas, comments and suggestions at the CCMPO's public forum on January 19, 2011 at 7:00 PM at the O'Brien Community Center in Winooski. Email or phone comments can also be submitted until January 31, 2011.

Summary – Fiscal Year 2011 Annual Work Plan (Unified Planning Work Program)

Each year the Chittenden County Metropolitan Planning Organization (CCMPO) adopts its Unified Planning Work Program (UPWP) which defines the regionally agreed upon transportation planning priorities and the roles and responsibilities of various participants in the transportation planning process for Chittenden County. The UPWP guides the CCMPO and summarizes transportation planning activities and priorities for the member agencies in Chittenden County. It shows which agencies will do planning studies, when the work will be completed, and what the final products and benefits will be. The UPWP also serves as a management tool, a program budget, and includes anticipated financial resources and expenditure information for the fiscal year covered. Note that the budget is not included with this summary but is available with the entire UPWP at <http://www.ccmppo.org/UPWP/>.

The UPWP is developed annually through a careful consideration of critical transportation issues facing the region and the analytical capabilities necessary to address them. The public is invited to offer project ideas and suggestions through a public forum held in January or February of each year, and opportunities for public comment on the draft UPWP are typically available between April and May of each year at a final public hearing. The CCMPO Board adoption of the UPWP typically occurs in May.

This year the public is invited to attend a public forum on Wednesday, January 19, 2011 at 7 p.m. at the O'Brien Community Center, 32 Malletts Bay Avenue, Winooski. Project ideas and suggestions may be offered at the forum, by email to bdavis@ccmppo.org, by phone to 802-660-4071 x17, or in writing to our office: CCMPO, 110 West Canal Street, Suite 202, Winooski, Vermont 05404. Comments will be accepted until January 31, 2011.

This document is a selective, brief summary of the *Fiscal Year 2011 Annual Work Plan (Unified Planning Work Program)* which describes the work elements to be accomplished during the period between July 1, 2010 and June 30, 2011. This summary is intended to help the public better understand the current CCMPO program areas and associated projects. We believe that this will encourage the public to offer new ideas and project suggestions. For more detail and a complete project list, download the entire document at <http://www.ccmppo.org/UPWP/>.

Safety programs and initiatives

Enhance safety in Chittenden County by implementing low cost safety solutions for roadway sections and intersections; assist municipalities with informal safety reviews at problem locations; develop criteria for incorporating safety into project prioritization; continue coordination with Vermont Agency of Transportation (VTrans) in their ongoing safety initiatives.

Planning Assistance and Coordination

Provide technical planning assistance to CCMPO member agencies, local municipalities, Chittenden County Regional Planning Commission (CCRPC), VTrans, and other entities seeking guidance on transportation issues, project development, and/or coordination. These projects include:

- ▶ Small area transportation studies (schools and intersections, for example)

Freight Transportation Planning

Advance appropriate and balanced utilization of the rail and highway transportation systems in Chittenden County for freight movements.

Pedestrian/ Bicycle Transportation Planning

Advance and monitor the 2008 Regional Pedestrian/Bicycle Plan implementation efforts; document pedestrian and bicycle planning efforts and position Chittenden County as a possible candidate recipient for non-motorized transportation funds in the next federal transportation authorization; coordinate the planning and provision of bicycle/pedestrian facilities both within Chittenden County and with neighboring regions; educate and inform the public on the benefits of bicycle/pedestrian and other non-single occupant vehicle (SOV) travel modes.

Transportation Demand Management (TDM)

In coordination with CarShare Vermont, CATMA, Go Vermont and other regional partners, work to advance low-cost programs that focus on decreasing travel and the use of SOVs, and increasing the use of other modes; continue park and ride planning and coordination with VTrans; coordinate efforts with CarShare Vermont to educate the public about car-sharing and promote its role in a transportation system.

Project Definition/Scoping Studies

Advance prioritized projects through the planning process by providing project definition and scoping services. The scoping process evaluates alternatives at a concept level and does a screening level review of environmental constraints. Scoping typically concludes with the acceptance of a locally preferred alternative. The project definition process includes some or all of the following steps: identifying transportation problems to be solved, obtaining early public and elected officials' participation, studying alternatives, evaluating environmental and engineering constraints, selecting a preferred alternative for design, and developing a conceptual design for that alternative. Project examples include bridges, interstate exits, road segments, pathways, bicycle/pedestrian projects, intermodal facilities and more.

Small Community Service Program

Assist rural Chittenden County communities in analyzing and addressing their local transportation challenges.

Data Collection and Maintenance

Collect, maintain, and distribute transportation-related data for planning needs and public inquiry.

Transportation Program Management Services

Many communities in Chittenden County do not have an adequate number of trained staff members to effectively undertake the administration and project management components of Local Transportation Facilities (LTF) and other project implementation programs. The CCMPO would provide contract services to undertake Municipal Project Management in support of local municipalities to assist them in advancing local transportation projects and provide contract technical assistance.